

## INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP 03/09369

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C12Q1/34 C12Q1/32 C12N15/52 C12N15/04

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C12Q C12N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, EMBL, CHEM ABS Data, PAJ, WPI Data, MEDLINE, BIOSIS, FSTA, EMBASE

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	WO 00/40744 A (HERZ STEFAN ;BACHER ADELBERT (DE)) 13 July 2000 (2000-07-13) cited in the application the whole document page 1, line 1 - line 7 page 2, line 21 - line 28 page 4, line 13 -page 5, line 8 page 7, line 19 - line 21 page 14, line 11 - line 27 claims 1,12	1,2, 4-15,17, 19,21
Y	US 5 821 090 A (BUITRAGO SERNA MARIA JOSE ET AL) 13 October 1998 (1998-10-13)  abstract column 9, line 1 -column 14, line 37 --- -/--	1,2, 4-11,14, 15,17, 19,21

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

## \* Special categories of cited documents :

"A" document defining the general state of the art which is not considered to be of particular relevance

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"&amp;" document member of the same patent family

Date of the actual completion of the international search

3 May 2004

Date of mailing of the international search report

- 7. 05. 2004

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International Application No  
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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	BLAU N ET AL: "THE APPLICATION OF 8 AMINO-GTP A NEW INHIBITOR OF GTP CYCLOHYDROLASE I TO THE PURIFICATION OF THE ENZYME FROM HUMAN LIVER" BIOCHIMICA ET BIOPHYSICA ACTA, vol. 880, no. 1, 1986, pages 26-31, XP008014569 ISSN: 0006-3002 abstract ---	1,2,17, 19,21
Y	DATABASE WPI Section Ch, Week 198513 Derwent Publications Ltd., London, GB; Class B04, AN 1985-078062 XP002233356 & JP 60 030696 A (WAKO PURE CHEM IND LTD), 16 February 1985 (1985-02-16) abstract ---	1,2, 4-11,14, 15,17, 19,21
A	RITZ HARALD ET AL: "Biosynthesis of riboflavin: Studies on the mechanism of GTP cyclohydrolase II." JOURNAL OF BIOLOGICAL CHEMISTRY, vol. 276, no. 25, 22 June 2001 (2001-06-22), pages 22273-22277, XP002233121 ISSN: 0021-9258 cited in the application the whole document ---	7-11,14
Y	US 6 171 598 B1 (WARD JUDITH M ET AL) 9 January 2001 (2001-01-09)  column 1, line 53 - line 65 ---	1,2, 4-11,14, 15,17, 19,21
Y	WO 00/22133 A (NOVARTIS ERFIND VERWALT GMBH ;DIETRICH FRED (CH); NOVARTIS AG (CH)) 20 April 2000 (2000-04-20) the whole document ---	12,13
A	MAIER J ET AL: "Homology cloning of GTP-cyclohydrolase I from fungi and plants by reverse-transcription PCR using a general set of degenerate primers" PTERIDINES 1995 GERMANY, vol. 6, no. 3, 1995, pages 112-115, XP008029120 ISSN: 0933-4807 the whole document -----	3

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Information on patent family members

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